ATTY DKT. NO.: AMAT/8736/DSM/BCVD/JW U.S. SERIAL NO.: UNKNOWN FILED:

APPLICANT: APPLIED MATERIALS, INC.

TITLE: TECHNIQUES FOR THE USE OF AMORPHOUS CARBON

(APF) FOR VARIOUS ETCH AND LITHO INTEGRATION SCHEMES

INVENTOR: TAKEAKI EBIHARA, ET AL.

INVENTOR: TAKEAKI EBIHAR EXPRESS MAIL NO.: EV335471048US

PAGE 1 OF 4

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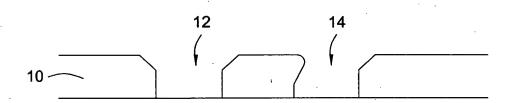


FIG. 1 (PRIOR ART)

ATTY DKT. NO.: AMAT/8736/DSM/BCVD/JW U.S. SERIAL NO.: UNKNOWN FILED: HEREWITH APPLICANT: APPLIED MATERIALS, INC. TITLE: TECHNIQUES FOR THE USE OF AMORPHOUS CARBON
(APF) FOR VARIOUS ETCH AND LITHO INTEGRATION SCHEMES TAKEAKI EBIHARA, ET AL. EXPRESS MAIL NO.: EV335471048US PAGE 2 OF 4 2/4 -104 FIG. 2A **-102** -100 107 107 - 106 -104 FIG. 2B **-102** -100 108 108 -104 FIG. 2C **-102** -100 112 -110 108 108 -104 FIG. 2D **-102** -100 108 108 ~104 114 FIG. 2E ~102 -100 116 116 116 FIG. 2F -102

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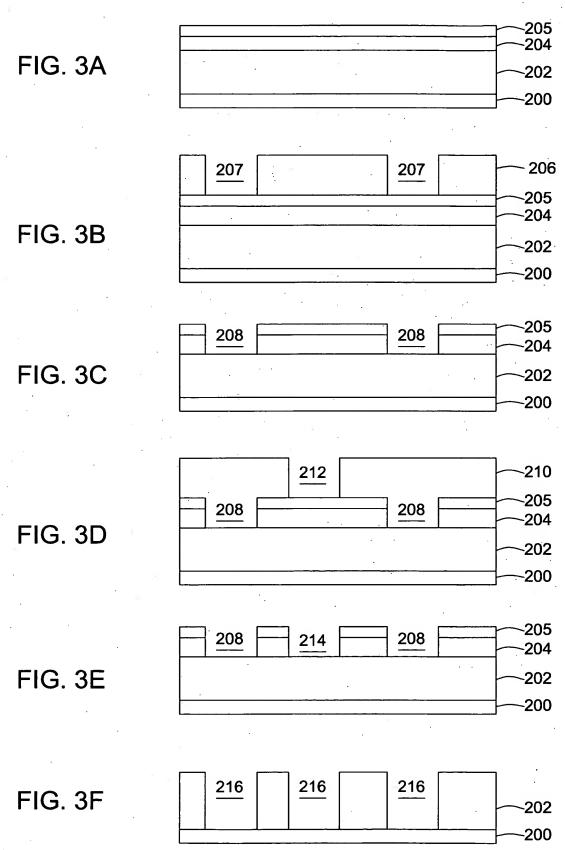
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U.S. SERIAL NO.: UNKNOWN FILED: HEREWITH
APPLICANT: APPLIED MATERIALS, INC.
TITLE: TECHNIQUES FOR THE USE OF AMORPHOUS CARBON
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INVENTOR: TAKEAKI EBIHARA, ET AL.

EXPRESS MAIL NO.: EV335471048US

PAGE 3 OF 4





ATTY DKT. NO.: AMAT/8736/DSM/BCVD/JW U.S. SERIAL NO.: UNKNOWN FILED:

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PAGE 4 OF 4

4/4

FIG. 4A

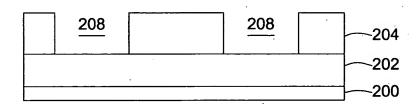


FIG. 4B

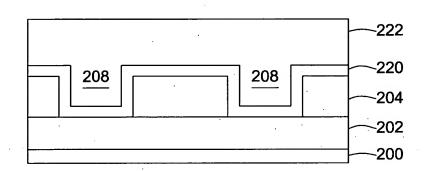


FIG. 4C

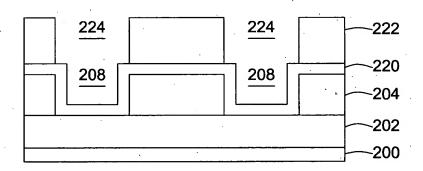


FIG. 4D

